***Curriculum Vitae***

**of**

***G. Gary Demerjian, DDS***

**Education:**

1987-1990 University of the Pacific, Dugoni School of Dentistry

Doctor of Dental Surgery

1985-1987 Loma Linda University

Accepted to Dental School end of junior year without BS

1984-1985 University of La Verne

**Experience:**

1991-Present: Private practice of General Dentistry with a focus in the

treatment of Temporomandibular Joint Disorders and Sleep Disordered

Breathing/Sleep Apnea

Glendora & Burbank, California

2017-2019: President- American Board of Craniofacial Dental Sleep Medicine

2014-2018: Project Scientist Department of Oral Biology UCLA School of Dentistry

2014- Present: Fontana Kaiser Sleep Center

2008-2014-Pomona Valley Medical Center / Sleep Panel

2013-2017 Board Member: American Board of Craniofacial Dental Sleep Medicine

**Fellowships:**

* + - Diplomate American Board of Dental Sleep Medicine
    - Diplomate, American Board of Craniofacial Dental Sleep Medicine
    - Diplomate American Board of Craniofacial Pain
    - Diplomate American Academy of Integrative Pain Management
    - Diplomate, American Board of Forensic Dentistry
    - Diplomate American Board of Forensic Examiners
    - Fellow American Academy of Craniofacial Pain
    - Fellow International College of Craniomandibular Orthopedics
    - Registered Polysomnographic Technologist (RPSGT)
    - Certified Forensic Consultant-American College of Forensic Examiners
    - Certified - Academy of Laser Dentistry
    - Master – Electro-Diagnostic Modalities – Bio-Research Associates Inc.

**Professional Affiliations:**

Current Member

Evidence-Based Dentistry Practice Based Research Network

American Academy of Craniofacial Pain

American Academy of Orofacial Pain

American Academy of Dental Sleep Medicine

American Academy of Sleep Medicine

Pomona Valley Medical Center Sleep Panel

American Academy of Advancing Science

American Dental Association

California Dental Association

San Gabriel Valley Dental Society

Full Bright Association- Greater Los Angeles Chapter

Past Member

American Academy of Pain Management

International College of Craniomandibular Orthopedic

International Association of Orthodontics

American Academy of Functional Orthopedics

American Academy of Cosmetic Dentistry

Academy of Laser Dentistry

**Upcoming Presentations:**

* “TMJ Correlation to Neurologic Disorders” Tri-County Dental Society July 2020

**Professional Presentations:**

* “TMJ Correlation to Neurologic Disorders” International Pain Summit 2019, UCLA Meyer & Renee Luskin Conference Center, Los Angeles, CA November 16
* "TMJ Disorders Basics for the General Practice and Recent Findings" Dr. Ammar Study Club November 14, 2019
* “Correlation of Temporomandibular Joint Disorders to Movement Disorders” Nierman Conference, Orlando Florida October 26, 2019
* "TMJ Disorders Basics for the General Practice and Recent Findings" Dr. Abari Orthodontic Study Club, November 7, 2019
* “Oral Appliance Therapy” Rancho Dental Society, March 8, 2019
* “Temporomandibular Joint Disorders” Yerevan, Armenia July 2, 2018
* “TMJ, Chronic Pain and Neurological Disorders” Armenian American Medical Society, Las Vegas, September 30, 2017
* “Arthrokinetic reflex of the TMJ in Relation to Cervical Dystonia” National Spasmodic Torticollis Association, Long Beach 2017
* “Sleep Apnea, Co-morbidities & Treatment from the Dental Prospective” AAMS 12TH Annual Las Vegas, September 12TH, 2015
* “Systemic Correlates of the Temporomandibular Joint” Power of Pain Conference, November 2014
* “TMD: Clinical Implications and Interventions” UCLA Translational Science in Dentistry November 4, 2014
* “TMJ Sequela” UCLA Oral Biology February 10, 2014
* “TMJ Disorders” UCLA Oral Biology February 3, 2014
* “TMJ” UCLA Oral Biology, January 27, 2014
* 11th Armenian Medical World Congress; Los Angeles, California July 2013 “Temporomandibular Joint Disease: Treatment with dental Orthopedics”

“Temporomandibular Joint Disorders, Orthopedics and Joint Disease Correlates to Systemic conditions”

“Arch Expansion and Mandibular Orthopedics for Pediatric Sleep Apnea”

* AAAS-PD 94th Annual Meeting. “Patient –Centered Diagnosis and Therapies of Systemic Sequalae of Temporomandibular Joint Disease”; Las Vegas, Nevada: June 2013
* “Systemic Correlates of the Temporomandibular Joint” Advanced Oral Biology Course, UCLA January 2013
* “Systemic Correlates of the TMJ”; Power of Pain Conference, November 2012
* “Temporomandibular Joint: a potential Treatment for Spasmodic Torticollis” NSTA Annual Symposium; New Orleans, Louisiana; October 2012
* “Temporomandibular Joint”: Advanced Oral Biology Course, UCLA; January 2012
* “Temporomandibular Joint; a potential treatment for Spasmodic Torticollis” NSTA Annual Symposium, Las Vegas, Nevada; October 2011
* “TMJ Treatments and Systemic Correlates” ACI Study Club, Chino Hills; September 2011
* AAAS-PD 92nd Annual Meeting “Systemic Correlate of the Temporomandibular Joint” San Diego; June 2011
* “TMJ Treatments in Parkinson Patients”, Arcadia and Pasadena Parkinson Support Group; March 2011
* “TMJ, Reticular Formation and Parkinson’s” Parkinson’s Resource Organization January 2011
* “TMJ Treatments with Movement Disorder Patients”; UCLA Research Group November 15, 2010
* “What to look for & do to avoid TMJ flare ups” Armenian Dental Society September 2010
* “TMJ and Dystonia”, NSTA Annual Symposium, Baltimore, Maryland; September 2010
* “TMJ and Arch Expansion in Children and Adults with Sleep Disorders”; Pomona Valley Hospital Sleep Panel, 2009
* “TMJ”; Armenian Dental Society August 2008

**Publications:**

* Barkhordarian A, **Demerjian G**, Chiappelli F. Translational research of temporomandibular joint pathology: a preliminary biomarker and fMRI study. J Transl Med (2020) 18:22.
* **Demerjian GG** et.al. (eds.), Temporomandibular Joint and Airway Disorders, <https://doi.org/10.1007/978-3-319-76367-5_5> Head and Neck Manifestations of Temporomandibular Joint Disorders. Springer Nature 2018.
* **Demerjian GG**, Barkhordarian A, and Chiappelli F. Editors. “Temporomandibular Joint and Airway Disorders, A Translational Perspective” Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* **Demerjian GG**, Barkhordarian A, and Chiappelli F. “Neuroanatomy of the Trigeminal Nerve and Proximal Innervations of the TMJ.” Chapter 1, Pg. 3-15. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Barkhordarian A, and Chiappelli F, **Demerjian GG**. “Neuroanatomy and Neurophyiology of the Trigeminal Network System.” Chapter 2, Pg. 17-38. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Barkhordarian A, and Chiappelli F, **Demerjian GG**. “Neuroimmune and Systemic Manifestations of Neuroinflammation in the Temporomandibular Joint and Related Disorders.” Chapter 3, Pg. 39-60. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* **Demerjian GG**, Sims AB, Patel M, Balatgek T, Sabal L. “Head & Neck Manifestations of Temporomandibular Joint Disorders.” Chapter 5, Pg. 73-93. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Sims AB, **Demerjian GG**. “Temporomandibular Joint Dysfunction, Trigeminal Nerve Inflammation, and Biomechanical Dental Treatments for the Suppression of Neurological and Neuropsychiatric Symptoms.” Chapter 6, Pg. 95-123. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Patel M, **Demerjian GG,** Sims AB. “The Relationship of Temporomandibular Joint, Orofacial Pain and Sleep Apnea.” Chapter 7, Pg. 125-134. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* **Demerjian GG**, Pooja Goel. “Immunologic and Physiologic Effects of Dental Sleep Appliance Therapy.” Chapter 8, Pg. 135-171. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Balategel T, **Demerjian GG**, Sims AB, Patel M. “CBCT & MRI of Temporomandibular Joint Disorders and Related Structure.” Chapter 10, Pg. 201-217. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Chiappelli F, Barkhordarian A, **Demerjian GG**. “Patient-centered outcomes research and collaborative evidence-based medical and dental practice for patients with Temporomandibular Joint Disorders.” Chapter 11, Pg. 219-238. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* Chiappelli F, Barkhordarian A, **Demerjian GG**. “Patient-centered outcomes research and collaborative evidence-based medical and dental practice for patients with Temporomandibular Joint Disorders.” Chapter 12, Pg. 239-249. Temporomandibular Joint and Airway Disorders, A Translational Perspective. Springer Nature 2018. Gewerbestrasse 11, 6330 Cham, Switzerland.
* **Demerjian GG**, Barkhordarian A, and Chiappelli F. [Testing patient targeted therapies in patients with temporomandibular joint disorder with the arthrokinetic reflex: individual patient research](http://tmjconnection.com/images/DemerjianetalTMJ16.pdf) Journal of Translational Medicine 2016, 14:231.
* Sims AB, Stack BC, **Demerjian GG.** [Spasmodic Torticollis: The Dental Connection](http://go.galegroup.com/ps/i.do?id=GALE%7CA298410399&v=2.1&u=utoronto_main&it=r&inPS=true&prodId=AONE&userGroupName=utoronto_main&p=AONE&digest=870a306dae77e1e6ce15dd2adddb784c&rssr=rss); Cranio Journal 2012, 30:188-93.
* Barkhordarian A, Ajaj R, Ramchandani M, **Demerjian G,** Cayabyab R, Danaie S, Ghodousi N, Iyer N, Mahanian N, Phi L, Giroux A, Manfrini E, Neagos N, Siddiqui M, Cajulis O, Brant X, Shapshak P, Chiappelli F. [Osteoimmunology in HIV/AIDS: A Translational Evidence-Based Perspective](http://www.hindawi.com/journals/pri/2011/359242/), Pathology Research International 2011, E. pub 2011 May 21.
* **Demerjian G,** Sims A, Stack B. [Proteomic Signature of Temporomandibular Joint Disorders(TMD): Toward diagnostically predictive biomarkers,](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3043347/) BioInformation 2011, 5:282-4.
* Barkhordarian A, **Demerjian G,** Jan A, Sama N, Nguyen M, Du A, Chiappelli F. [Stakeholder engagement analysis - a bioethics dilemma in patient-targeted intervention: patients with temporomandibular joint disorders,](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4312447/) J Transl Med. 2015; 13: 15.
* Chiappelli F, Barkhordarian A., **Demerjian G,** Bach Q, Vandan Kasar. [Cluster Randomized Stepped Wedge Blinded Controlled Trials (CRSWBCT) In Comparative Effectiveness Research (CER) – Part II: Implications for Temporomandibular Joint Disorders (TMD) Research,](http://www.omicsonline.org/open-access/cluster-randomized-stepped-wedge-blinded-controlled-trials-crswbctin-comparative-effectiveness-research-cer--part-ii-implications-fortemporomandibular-joint-disorders-tmd-research-2161-1025-1000e131.pdf) Transl Med (Sunnyvale) 2015, 5:3.
* Chiappelli F, Barkhordarian A. **Demerjian G,** Bach Q, Vandan Kasar. [Cluster Randomized Stepped Wedge Blinded Controlled Trials (CRSWBCT) In Comparative Effectiveness Research (CER) – Part I: Toward a Revision of CONSORT,](http://tmjconnection.com/images/med15.pdf) Transl Med (Sunnyvale) 2015, 5:3.
* Sims AB, Stack BC, **Demerjian GG**. Spasmodic Torticollis: the dental connection; Cranio Journal 2012, 30:188-93.
* Barkhordarian A, Ajaj R, Ramchandani M, **Demerjian G**, Cayabyab R, Danaie S, Ghodousi N, Iyer N, Mahanian N, Phi L, Giroux A, Manfrini E, Neagos N, Siddiqui M, Cajulis O, Brant X, Shapshak P, Chiappelli F. Osteoimmunology in HIV/AIDS: A Translational Evidence-Based Perspective, Pathology Research International 2011, E. pub 2011 May 21.
* **Demerjian G**, Sims A, Stack B. Proteomic Signature of Temporomandibular Joint Disorders(TMD): Toward diagnostically predictive biomarkers, BioInformation 2011, 5:282-4.

**Abstracts:**

* + - **Demerjian G**, Barkhordarian A, Sims AB, Chiappelli F. Systemic Correlates of TMJ Neuro-Inflammation. Systemic Correlates of TMJ Neuro-Inflammation (#105). World Dental Federation (Fédération dentaire internationale, FDI) Annual Dental Congress, Istanbul, Turkey, August 28-31, 2013.
    - **Demerjian G**, Barkhordarian A, Sims AB, Chiappelli F. Temporomandibular Joint Disorders Orthopedics and Joint Disease correlates to systemic conditions. 11th Armenian Medical World Congress, Hollywood, California, July 3-7, 2013.
    - **Demerjian G**, Sims AB, Barkhordarian A, Chiappelli F. Dental Arch Expansion and Mandibular Orthopedic Correction in Children: A Treatment for Pediatric Sleep Apnea. 11th Armenian Medical World Congress, Hollywood, California, July 3-7, 2013.
    - **Demerjian G**, Sims AB, Barkhordarian A, Chiappelli F. Temporomandibular Joint Disease: Treatment with Dental Orthopedics for Pain Management. 11th Armenian Medical World Congress, Hollywood, California, July 3-7, 2013.
    - Barkhordarian A, **Demerjian G**, Chiappelli F. Systemic correlates and local responses to Temporomandibular Joint Disorders. 94th AAAS-PD Annual Meeting, Las Vegas, NV; June 15-19, 2013.
    - **Demerjian G**. Patient- Centered Diagnosis and Therapies of Systemic Sequelae of Temporomandibular Joint Disorders. 94th AAAS-PD Annual Meeting, Las Vegas, NV; June 15-19, 2013.